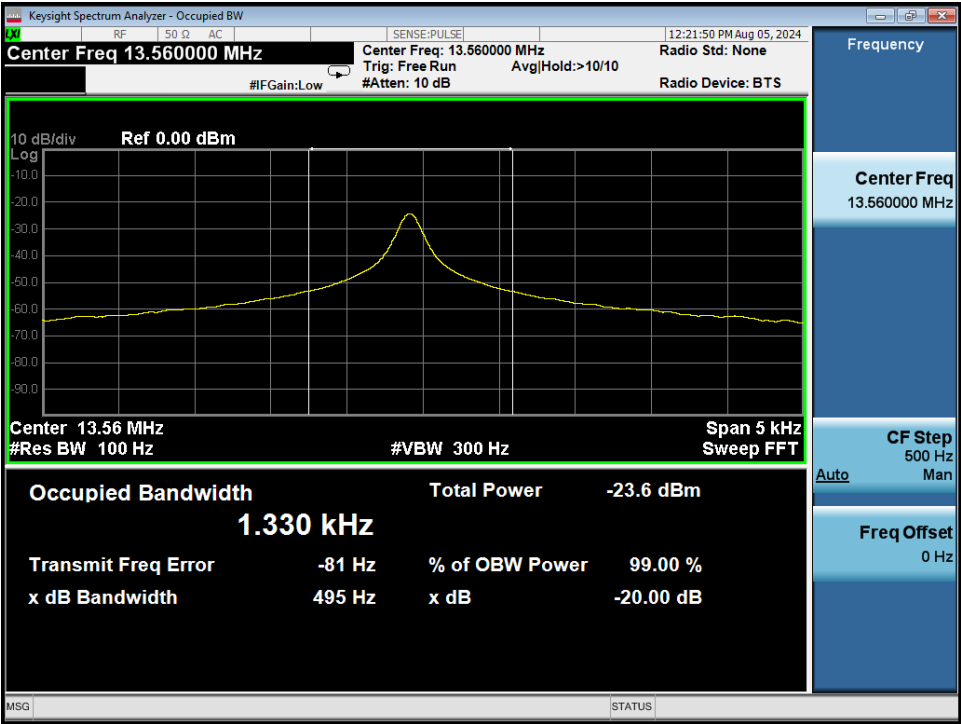


## Appendix A: Test Results of NFC

|                                                                                                          |          |
|----------------------------------------------------------------------------------------------------------|----------|
| <b>APPENDIX A: TEST RESULTS OF NFC .....</b>                                                             | <b>1</b> |
| <b>APPENDIX A.1: TEST RESULTS OF 20dB BANDWIDTH .....</b>                                                | <b>2</b> |
| <b>APPENDIX A.2: TEST RESULTS OF 99% BANDWIDTH .....</b>                                                 | <b>3</b> |
| <b>APPENDIX A.3: TEST RESULTS OF FREQUENCY STABILITY .....</b>                                           | <b>4</b> |
| <b>APPENDIX A.4: TEST RESULTS OF RADIATED SPURIOUS EMISSION (IN-BAND &amp; OUT-BAND EMISSIONS) .....</b> | <b>5</b> |
| 9kHz – 150kHz .....                                                                                      | 5        |
| 150kHz – 30MHz .....                                                                                     | 7        |
| 30MHz - 1GHz .....                                                                                       | 9        |

Appendix A.1: Test Results of 20dB Bandwidth



## Appendix A.2: Test Results of 99% Bandwidth



### Appendix A.3: Test Results of Frequency Stability

| Assigned Frequency (MHz): 13.56MHz |             |                          |                     |                          |
|------------------------------------|-------------|--------------------------|---------------------|--------------------------|
| Voltage                            | Temperature | Measured Frequency (MHz) | Frequency Stability | Limit                    |
| Low                                | +20°C       | 13.560993                | 0.000993            | ±100 ppm<br>±0.001356MHz |
| Normal                             | -10°C       | 13.560842                | 0.000842            |                          |
|                                    | -5°C        | 13.560453                | 0.000453            |                          |
|                                    | 0°C         | 13.560157                | 0.000157            |                          |
|                                    | +10°C       | 13.560561                | 0.000561            |                          |
|                                    | +20°C       | 13.560268                | 0.000268            |                          |
|                                    | +30°C       | 13.560709                | 0.000709            |                          |
|                                    | +40°C       | 13.560069                | 0.000069            |                          |
|                                    | +50°C       | 13.560617                | 0.000617            |                          |
|                                    | +60°C       | 13.560333                | 0.000333            |                          |
| High                               | +20°C       | 13.560993                | 0.000993            |                          |

## Appendix A.4: Test Results of Radiated Spurious Emission (In-Band & Out-Band Emissions)

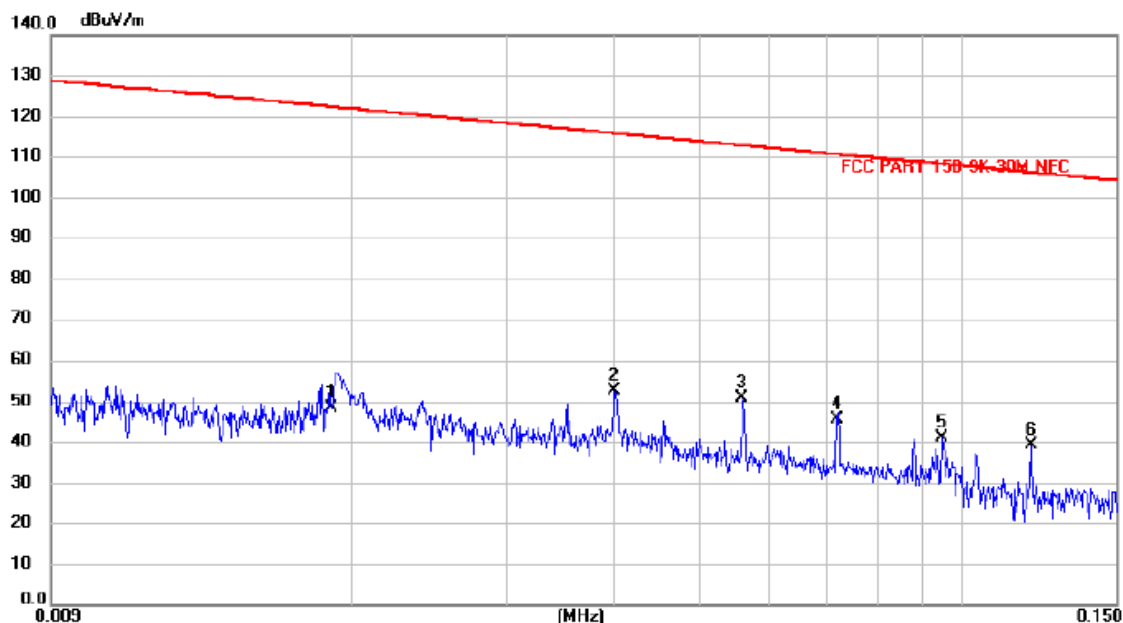
Note: The highest waveform in the figure is Fundamental.

9kHz – 150kHz

### EUT Information

|                     |                  |
|---------------------|------------------|
| EUT Name:           | WIRELESS CHARGER |
| Model:              | W2BSTLAV1        |
| Test Mode:          | NFC              |
| Order No/Sample No: | A003781634-001   |
| Test Voltage:       | DC 12V           |
| Remark:             | Temp 26 Humi:54% |
| Test Standard:      | FCC Part 15C     |
| Tested By:          | Felix Pang       |
| Reviewed By:        | Simple Guan      |

### Coplanar



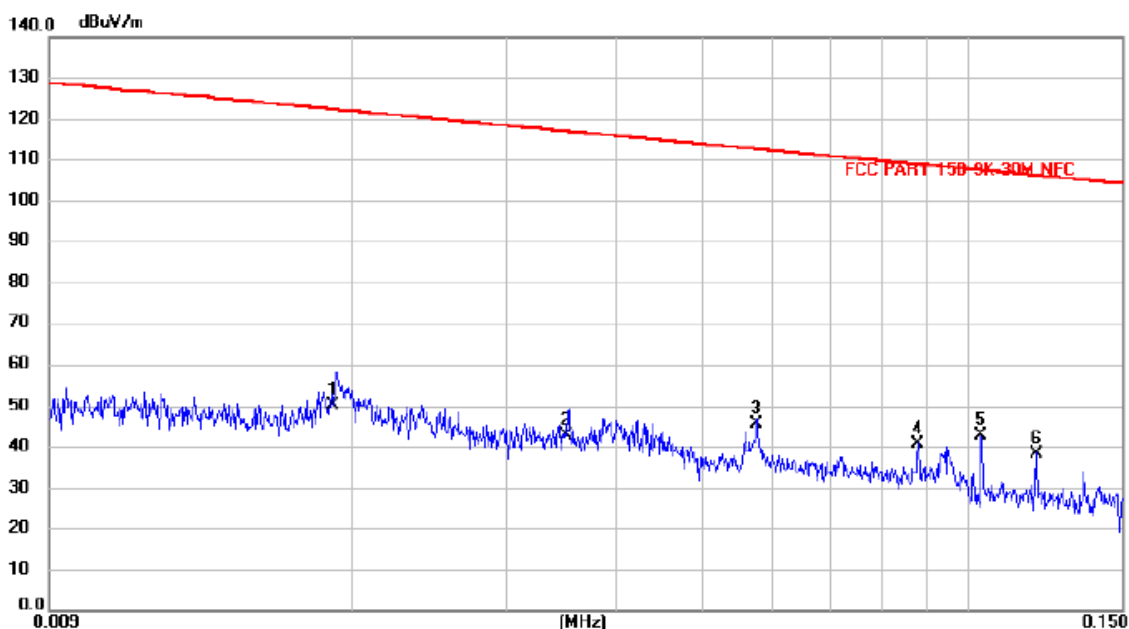
### Critical\_Freqs

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1   | 0.0190          | 28.87          | 19.51         | 48.38          | 122.29         | -73.91      | peak     |             |                | P   |        |
| 2   | 0.0400          | 33.02          | 19.53         | 52.55          | 115.81         | -63.26      | peak     |             |                | P   |        |
| 3 * | 0.0560          | 31.62          | 19.47         | 51.09          | 112.88         | -61.79      | peak     |             |                | P   |        |
| 4   | 0.0720          | 25.98          | 19.55         | 45.53          | 110.70         | -65.17      | peak     |             |                | P   |        |
| 5   | 0.0947          | 21.52          | 19.50         | 41.02          | 108.31         | -67.29      | peak     |             |                | P   |        |
| 6   | 0.1200          | 19.89          | 19.63         | 39.52          | 106.25         | -66.73      | peak     |             |                | P   |        |

## EUT Information

|                     |                  |
|---------------------|------------------|
| EUT Name:           | WIRELESS CHARGER |
| Model:              | W2BSTLAV1        |
| Test Mode:          | NFC              |
| Order No/Sample No: | A003781634-001   |
| Test Voltage:       | DC 12V           |
| Remark:             | Temp 26 Humi:54% |
| Test Standard:      | FCC Part 15C     |
| Tested By:          | Felix Pang       |
| Reviewed By:        | Simple Guan      |

## Coaxial



## Critical\_Freqs

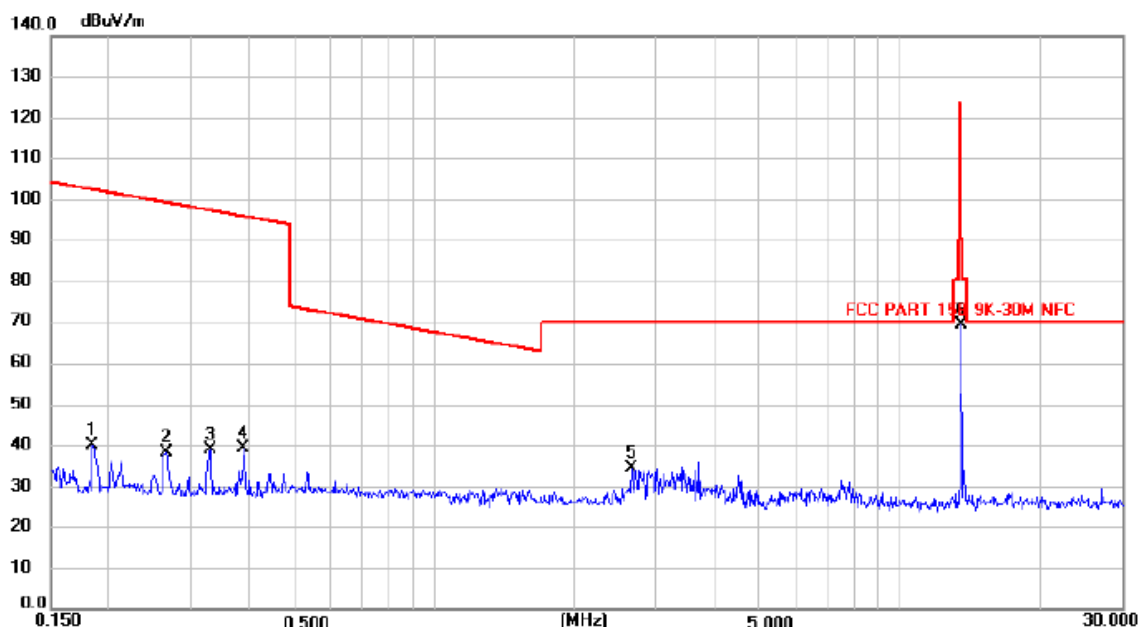
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1   | 0.0190          | 30.80          | 19.51         | 50.31          | 122.29         | -71.98      | peak     |             |                | P   |        |
| 2   | 0.0350          | 23.22          | 19.57         | 42.79          | 116.98         | -74.19      | peak     |             |                | P   |        |
| 3   | 0.0575          | 26.36          | 19.48         | 45.84          | 112.65         | -66.81      | peak     |             |                | P   |        |
| 4   | 0.0880          | 21.43          | 19.48         | 40.91          | 108.95         | -68.04      | peak     |             |                | P   |        |
| 5 * | 0.1040          | 23.46          | 19.55         | 43.01          | 107.49         | -64.48      | peak     |             |                | P   |        |
| 6   | 0.1200          | 18.87          | 19.63         | 38.50          | 106.25         | -67.75      | peak     |             |                | P   |        |

150kHz – 30MHz

## EUT Information

|                     |                  |
|---------------------|------------------|
| EUT Name:           | WIRELESS CHARGER |
| Model:              | W2BSTLAV1        |
| Test Mode:          | NFC              |
| Order No/Sample No: | A003781634-001   |
| Test Voltage:       | DC 12V           |
| Remark:             | Temp 26 Humi:54% |
| Test Standard:      | FCC Part 15C     |
| Tested By:          | Felix Pang       |
| Reviewed By:        | Simple Guan      |

## Coplanar



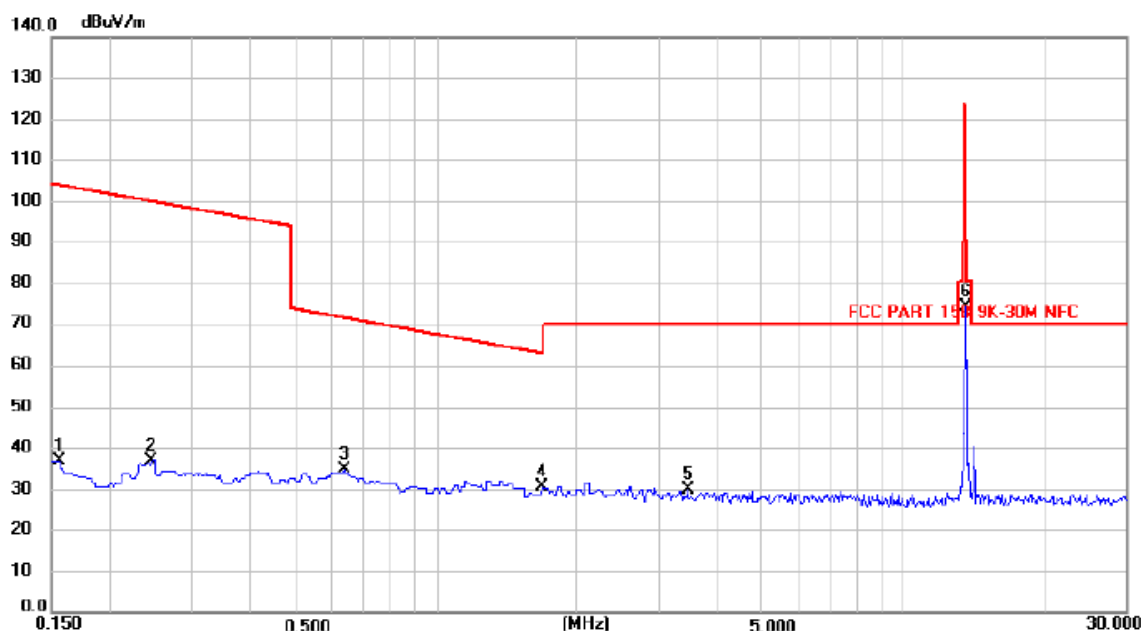
## Critical\_Freqs

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1   | 0.1842          | 20.18          | 19.91         | 40.09          | 102.52         | -62.43      | peak     |             |                | P   |        |
| 2   | 0.2646          | 18.33          | 20.00         | 38.33          | 99.36          | -61.03      | peak     |             |                | P   |        |
| 3   | 0.3290          | 18.91          | 20.06         | 38.97          | 97.47          | -58.50      | peak     |             |                | P   |        |
| 4   | 0.3905          | 19.21          | 20.13         | 39.34          | 95.98          | -56.64      | peak     |             |                | P   |        |
| 5   | 2.6623          | 14.00          | 20.59         | 34.59          | 70.00          | -35.41      | peak     |             |                | P   |        |
| 6 * | 13.5685         | 48.68          | 20.95         | 69.63          | 90.50          | -20.87      | peak     |             |                | P   |        |

## EUT Information

|                     |                  |
|---------------------|------------------|
| EUT Name:           | WIRELESS CHARGER |
| Model:              | W2BSTLAV1        |
| Test Mode:          | NFC              |
| Order No/Sample No: | A003781634-001   |
| Test Voltage:       | DC 12V           |
| Remark:             | Temp 26 Humi:54% |
| Test Standard:      | FCC Part 15C     |
| Tested By:          | Felix Pang       |
| Reviewed By:        | Simple Guan      |

## Coaxial



## Critical\_Freqs

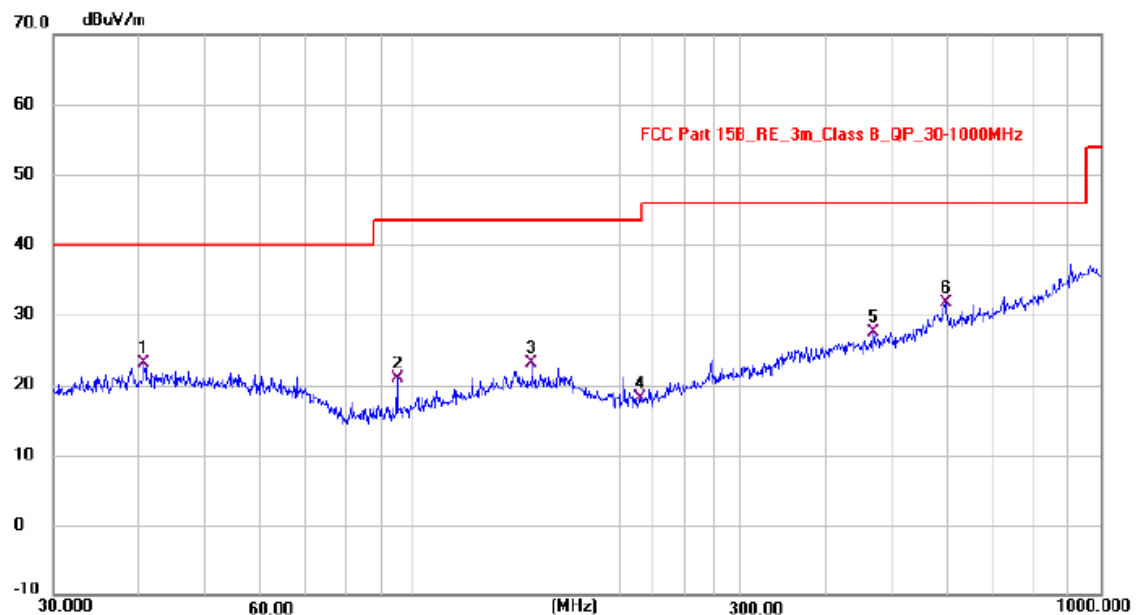
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1   | 0.1554          | 16.97          | 19.89         | 36.86          | 104.00         | -67.14      | peak     |             |                | P   |        |
| 2   | 0.2454          | 16.85          | 19.98         | 36.83          | 100.02         | -63.19      | peak     |             |                | P   |        |
| 3   | 0.6330          | 14.47          | 20.28         | 34.75          | 71.74          | -36.99      | peak     |             |                | P   |        |
| 4   | 1.6880          | 10.19          | 20.45         | 30.64          | 63.09          | -32.45      | peak     |             |                | P   |        |
| 5   | 3.4491          | 9.19           | 20.71         | 29.90          | 70.00          | -40.10      | peak     |             |                | P   |        |
| 6 * | 13.5685         | 53.57          | 20.95         | 74.52          | 90.50          | -15.98      | peak     |             |                | P   |        |

30MHz - 1GHz

## EUT Information

|                     |                  |
|---------------------|------------------|
| EUT Name:           | WIRELESS CHARGER |
| Model:              | W2BSTLAV1        |
| Test Mode:          | NFC              |
| Order No/Sample No: | A003781634-001   |
| Test Voltage:       | DC 12V           |
| Remark:             | Temp 26 Humi:54% |
| Test Standard:      | FCC Part 15B     |
| Tested By:          | Felix Pang       |
| Reviewed By:        | Simple Guan      |

## Horizontal



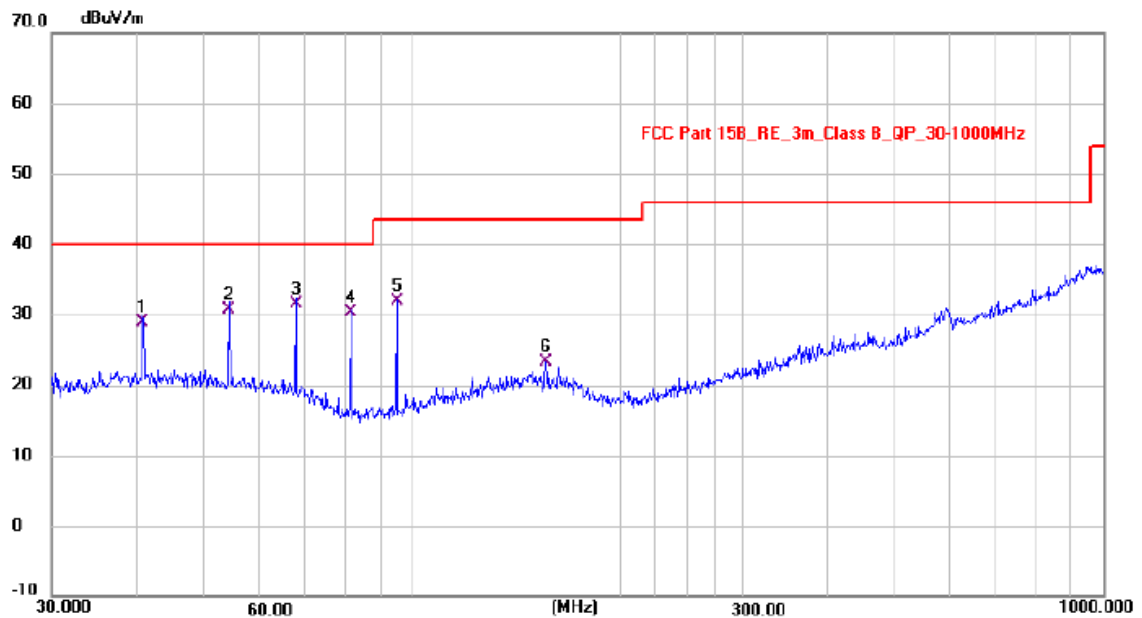
## Critical\_Freqs

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1   | 40.6480         | 9.42           | 13.62         | 23.04          | 40.00          | -16.96      | QP       |             |                | P   |        |
| 2   | 94.9261         | 11.89          | 9.11          | 21.00          | 43.50          | -22.50      | QP       |             |                | P   |        |
| 3   | 149.1584        | 10.12          | 13.02         | 23.14          | 43.50          | -20.36      | QP       |             |                | P   |        |
| 4   | 214.7965        | 7.64           | 10.56         | 18.20          | 43.50          | -25.30      | QP       |             |                | P   |        |
| 5   | 468.0548        | 9.84           | 17.62         | 27.46          | 46.00          | -18.54      | QP       |             |                | P   |        |
| 6 * | 596.1770        | 11.11          | 20.60         | 31.71          | 46.00          | -14.29      | QP       |             |                | P   |        |

## EUT Information

EUT Name: WIRELESS CHARGER  
Model: W2BSTLAV1  
Test Mode: NFC  
Order No/Sample No: A003781634-001  
Test Voltage: DC 12V  
Remark: Temp 26 Humi:54%  
Test Standard: FCC Part 15C  
Tested By: Felix Pang  
Reviewed By: Simple Guan

## Vertical



## Critical\_Freqs

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1   | 40.6837         | 15.33          | 13.62         | 28.95          | 40.00          | -11.05      | QP       |             |                | P   |        |
| 2   | 54.2372         | 17.90          | 12.75         | 30.65          | 40.00          | -9.35       | QP       |             |                | P   |        |
| 3 * | 67.7938         | 20.19          | 11.33         | 31.52          | 40.00          | -8.48       | QP       |             |                | P   |        |
| 4   | 81.3542         | 21.78          | 8.48          | 30.26          | 40.00          | -9.74       | QP       |             |                | P   |        |
| 5   | 94.9261         | 22.71          | 9.11          | 31.82          | 43.50          | -11.68      | QP       |             |                | P   |        |
| 6   | 156.0466        | 10.17          | 13.17         | 23.34          | 43.50          | -20.16      | QP       |             |                | P   |        |